

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): An offshore flexible pipe comprising an unsealed flexible inner layer and outer sealing layers, in which the sealing layers comprise, in succession:

- an inner layer formed from at least one thermoplastic polymer (A);
- optionally, a coextrusion tie layer;
- a polyolefin layer.

Claim 2 (original): A pipe according to Claim 1, which additionally comprises, on the same side as the polyolefin layer, in succession:

- optionally, a coextrusion tie layer;
- an outer layer formed from at least one thermoplastic polymer (B).

Claim 3 (currently amended): ~~Pipe A pipe~~ according to Claim 1 or 2, in which the polymers (A) and (B) are chosen from polyamides, blends of a polyamide and a polyolefin having a polyamide matrix, copolymers having polyamide blocks and polyether blocks, blends of polyamides and of copolymers having polyamide blocks and polyether blocks, polyetheresters and polyurethanes.

Claim 4 (currently amended): ~~Pipe A pipe~~ according to Claim 3, ~~in which the~~ wherein the polymers (A) and (B) are polyamides are chosen from PA-11, PA-12, aliphatic polyamides resulting from the condensation of an aliphatic diamine having from 6 to 12 carbon atoms and of an aliphatic diacid having from 9 to 12 carbon atoms and 11/12 copolyamides having either more than 90% of nylon-11 units or more than 90% of nylon-12 units.

Claim 5 (currently amended): ~~Pipe A pipe~~ according to Claim 4, in which the polyamide is PA-11 or PA-12 and contains a plasticizer.

Claim 6 (currently amended): ~~Pipe~~ A pipe according to ~~any one of the preceding claims,~~ Claim 1, comprising a tie layer in which the tie layer is a functionalized polyolefin carrying a carboxylic acid or carboxylic acid anhydride functional group, optionally blended with an unfunctionalized polyolefin.

Claim 7 (currently amended): ~~Pipes~~ A pipe according to ~~any one of the preceding claims,~~ Claim 1, in which the polyolefin of the polyolefin layer is high-density polyethylene.

Claim 8 (currently amended): ~~Use of the flexible pipes according to any one of the preceding claims for~~ In a method comprising transporting fluids in offshore oil and gas extraction fields through a flexible pipe, the improvement wherein the pipe is according to Claim 1.

Claim 9 (new): A pipe according to Claim 1, wherein the unsealed flexible inner layer comprises wound metal strip.